

All Other Rubber Product Manufacturing: 2002

Issued December 2004

EC02-311-326299 (RV)

2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
326299, All other rubber product manufacturing	2002..	826	38 231	1 251 383	28 481	56 281	778 508	3 327 169	3 558 365	6 872 044	'200 387
	2001..	N	44 636	1 431 199	33 411	67 123	877 908	3 771 462	4 029 316	7 864 663	203 563
	2000..	N	48 930	1 530 681	37 000	74 138	938 836	4 079 482	4 427 109	8 468 627	297 941
	1999..	N	51 496	1 539 505	38 228	76 603	942 665	4 125 520	4 109 966	8 228 928	308 091
	1998..	N	50 390	1 467 474	37 564	75 611	903 567	4 305 736	4 123 769	8 446 322	338 015
	1997..	827	964	1 469 986	38 044	75 809	911 858	4 131 262	4 176 410	8 323 213	283 941

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
326299, All other rubber product manufacturing												
United States	1	826	377	38 231	1 251 383	28 481	56 281	778 508	3 327 169	3 558 365	6 872 044	'200 387
Alabama	1	11	4	434	10 504	303	593	5 215	22 617	30 512	52 790	'1 237
Arkansas	—	8	6	1 283	32 394	880	1 292	21 400	138 882	188 224	324 217	'2 237
California	3	111	40	3 915	120 440	2 900	5 923	68 964	257 255	236 460	490 455	'15 872
Connecticut	3	15	8	707	25 263	473	1 005	15 880	51 775	44 042	93 543	'1 593
Florida	3	22	9	703	19 625	539	886	13 748	49 930	36 471	87 425	'1 349
Georgia	—	36	23	2 081	67 301	1 613	3 178	43 462	163 939	277 584	440 249	'15 953
Illinois	—	34	22	2 307	82 496	1 637	3 575	50 722	227 617	247 289	471 920	'10 934
Indiana	1	30	15	1 701	50 425	1 466	3 020	38 434	101 349	85 840	186 929	'12 902
Massachusetts	3	29	10	974	31 396	727	1 485	19 530	71 580	67 921	139 539	'3 278
Michigan	3	28	10	686	27 232	453	945	13 522	63 267	61 321	124 249	'1 832
Minnesota	6	17	3	337	11 012	228	448	6 113	25 652	18 592	44 456	'1 356
Missouri	2	16	7	614	17 455	413	747	9 963	33 967	40 679	74 720	'1 480
New Jersey	2	28	16	1 922	67 584	1 432	2 917	41 782	198 168	184 184	383 495	'15 140
New York	1	32	9	752	24 750	526	1 161	14 138	55 098	55 799	111 444	'3 957
North Carolina	—	27	17	1 784	49 325	1 419	2 696	33 757	162 718	182 513	341 751	'6 978
Ohio	1	87	53	5 618	193 664	4 093	8 455	117 295	498 859	556 587	1 053 233	'32 442
Oregon	1	13	4	253	8 278	197	374	5 303	28 242	14 843	43 208	'1 126
Pennsylvania	6	26	14	1 514	56 202	1 037	2 096	30 587	153 283	199 926	352 620	'10 499
Tennessee	—	26	15	1 483	53 548	1 086	2 179	30 998	141 601	191 757	331 985	'5 431
Texas	3	55	17	1 496	39 541	1 205	2 461	27 081	76 659	71 945	150 476	'3 860
Virginia	—	13	8	1 293	34 968	1 048	1 555	22 604	121 674	115 540	235 987	'4 617
Wisconsin	—	21	15	1 695	60 841	1 242	2 319	37 388	224 403	118 648	342 477	'8 194

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
326299, All other rubber product manufacturing	
Companies ¹	number.. 732
All establishments ²	number.. 826
Establishments with 1 to 19 employees	number.. 449
Establishments with 20 to 99 employees	number.. 269
Establishments with 100 employees or more	number.. 108
All employees ³	number.. 38 231
Total compensation	\$1,000.. 1 577 432
Annual payroll	\$1,000.. 1 251 383
Total fringe benefits	\$1,000.. 326 049
Production workers, average for year	number.. 28 481
Production workers on March 12	number.. 28 765
Production workers on May 12	number.. 28 712
Production workers on August 12	number.. 28 345
Production workers on November 12	number.. 28 033
Production worker hours	\$1,000.. 56 281
Production worker wages	\$1,000.. 778 508
Total cost of materials	\$1,000.. 3 558 365
Materials, parts, containers, packaging, etc., used	\$1,000.. 2 879 817
Resales	\$1,000.. 503 777
Purchased fuels	\$1,000.. 35 859
Purchased electricity	\$1,000.. 100 662
Contract work	\$1,000.. 38 250
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 643 130
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 6 872 044
Primary products value of shipments	\$1,000.. 5 662 032
Secondary products value of shipments	\$1,000.. 568 145
Total miscellaneous receipts	\$1,000.. 641 867
Value of resales	\$1,000.. 603 094
Contract receipts	\$1,000.. 11 810
Other miscellaneous receipts	\$1,000.. 26 963
Primary products specialization ratio	percent.. 91
Value of primary products shipments made in all industries	\$1,000.. 6 461 315
Value of primary products shipments made in this industry	\$1,000.. 5 662 032
Value of primary products shipments made in other industries	\$1,000.. 799 283
Coverage ratio	percent.. 88
Value added	\$1,000.. 3 327 169
Total inventories, beginning of year	\$1,000.. 631 323
Finished goods inventories	\$1,000.. 257 432
Work-in-process inventories	\$1,000.. 81 960
Materials and supplies inventories	\$1,000.. 291 931
Total inventories, end of year	\$1,000.. 638 339
Finished goods inventories	\$1,000.. 269 356
Work-in-process inventories	\$1,000.. 83 526
Materials and supplies inventories	\$1,000.. 285 457
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '2 919 940
Total capital expenditures (new and used)	\$1,000.. '200 387
Buildings and other structures (new and used)	\$1,000.. '32 124
Machinery and equipment (new and used)	\$1,000.. '168 263
Automobiles, trucks, etc., for highway use	\$1,000.. '5 730
Computers and peripheral data processing equipment	\$1,000.. '10 787
All other expenditures for machinery and equipment	\$1,000.. '151 746
Total retirements	\$1,000.. '90 083
Gross value of depreciable assets at end of year	\$1,000.. '3 030 244
Depreciation charges during year	\$1,000.. '191 088
Total rental payments	\$1,000.. 72 741
Buildings and other structures	\$1,000.. 46 425
Machinery and equipment	\$1,000.. 26 316
Total other expenses ⁴	\$1,000.. 536 808
Response coverage ratio ⁵	percent.. 84
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 49 343
Communications services ⁴	\$1,000.. 12 894
Legal services ⁴	\$1,000.. 18 275
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 6 973
Advertising and promotional services ⁴	\$1,000.. 20 701
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 9 910
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 11 451
Management consulting and administrative services ⁴	\$1,000.. 11 231
Taxes and license fees ⁴	\$1,000.. 113 661
All other expenses ⁴	\$1,000.. 280 421

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
326299, All other rubber product manufacturing											
All establishments	1	826	38 231	1 251 383	28 481	56 281	778 508	3 327 169	3 558 365	6 872 044	'200 387
Establishments with—											
1 to 4 employees	8	210	452	13 618	342	656	8 903	31 633	27 518	58 996	'1 134
5 to 9 employees	7	119	817	26 622	620	1 260	17 466	62 235	67 175	132 451	'5 145
10 to 19 employees	4	120	1 684	58 119	1 186	2 425	34 285	144 176	116 621	261 675	'7 734
20 to 49 employees	2	173	5 453	178 646	4 021	8 147	107 839	426 388	416 919	841 112	'25 929
50 to 99 employees	1	96	6 683	228 201	4 864	9 630	131 944	543 056	569 140	1 108 648	'39 809
100 to 249 employees	1	81	12 366	387 476	9 147	18 347	237 638	965 268	1 035 035	1 993 279	'48 094
250 to 499 employees	—	23	7 942	250 014	6 090	11 833	165 120	774 867	766 518	1 535 036	'40 097
500 to 999 employees	2	4	2 834	108 687	2 211	3 983	75 313	379 546	559 439	940 847	'32 445
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	312	1 588	50 387	1 229	2 468	33 109	108 836	109 120	216 824	'4 252

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
326299	All other rubber product manufacturing	826	38 231	1 251 383	28 481	56 281	778 508	3 327 169	3 558 365	6 872 044	'200 387
3262991	Rubber sponge, expanded and foam rubber products	86	6 388	193 204	4 921	9 389	118 488	471 946	470 100	938 349	'31 050
3262993	Rubber floor and wall coverings	39	4 277	139 399	3 172	6 430	85 180	421 924	398 845	823 374	'24 228
3262994	Shoe products, rubber, elastomer resin	3	663	21 865	493	952	12 994	35 215	33 825	67 532	'2 831
3262996	Rubber compounds or mixtures for sale or interplant transfer	37	4 408	175 697	3 325	6 984	117 513	524 990	979 208	1 500 953	'46 503
3262997	All other industrial rubber products ..	116	7 368	272 645	5 281	10 686	163 296	712 652	734 067	1 443 722	'25 359
326299A	Rubber druggist and medical sundries, excluding household gloves	16	3 109	91 609	2 477	4 511	61 032	354 483	235 422	589 520	'27 562
326299B	All other miscellaneous rubber goods	58	5 228	150 430	3 709	7 254	90 042	358 832	280 213	637 440	'18 126

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326299	All other rubber product manufacturing	2002.. N 1997.. N	X X	X X	6 461 315 7 788 382
3262991	Rubber sponge, expanded and foam rubber products	2002.. N 1997.. N	X X	X X	874 211 1 183 712
32629911	Latex foam products	2002.. N 1997.. N	X X	X X	224 260 237 279
3262991111	Latex foam for, automotive applications	2002.. 10 1997.. 6	X X	X X	42 653 D
3262991115	Latex foam for, upholstery (sheet and slab stock)	2002.. 7 1997.. 9	X X	X X	13 370 28 794
3262991121	Latex foam for, carpet and rug cushions	2002.. 6 1997.. 7	X X	X X	67 188 42 714
3262991125	Other latex foam products (including clothing, insulation and padding, hospital padding, and topper pads)	2002.. 25 1997.. 29	X X	X X	101 049 D
32629912	Chemically blown (open and closed cell) rubber sponges	2002.. N 1997.. N	X X	X X	597 371 901 226
3262991231	Chemically blown open cell rubber sponge for carpet and rug cushions	2002.. 3 1997.. 16	X X	X X	D 120 338
3262991235	Chemically blown open cell rubber sponge for automotive applications	2002.. 10 1997.. 10	X X	X X	D 16 193
3262991241	Chemically blown open cell rubber sponge for other uses	2002.. 24 1997.. 30	X X	X X	69 423 204 516
3262991245	Chemically blown closed cell rubber sponge for automotive applications	2002.. 21 1997.. 21	X X	X X	171 993 240 399
3262991251	Chemically blown closed cell rubber sponge for appliances, air-conditioning, and refrigeration	2002.. 14 1997.. 10	X X	X X	109 895 40 338
3262991255	Chemically blown closed cell rubber sponge for construction applications	2002.. 15 1997.. 13	X X	X X	41 793 50 527
3262991261	Chemically blown closed cell rubber sponge for other uses	2002.. 22 1997.. 37	X X	X X	134 964 228 915
3262991Y	Rubber sponge, expanded and foam rubber products, nsk	2002.. N 1997.. N	X X	X X	52 580 45 207
3262991YVV	Rubber sponge, expanded and foam rubber products, nsk	2002.. N 1997.. N	X X	X X	52 580 45 207
3262993	Rubber floor and wall coverings	2002.. N 1997.. N	X X	X X	706 481 717 181
32629931	Rubber floor and wall coverings	2002.. N 1997.. N	X X	X X	678 825 694 241
3262993121	Rubber floor mats, matting, and stair treads, in rolls	2002.. 23 1997.. 21	X X	X X	159 908 100 054
3262993131	Individual rubber automotive floor mats and matting	2002.. 13 1997.. 9	X X	X X	280 930 356 496
3262993141	All other individual rubber floor mats and matting (including stair treads)	2002.. 24 1997.. 25	X X	X X	98 773 160 942
3262993151	Other rubber floor and wall coverings (including cove base, wainscoting, etc)	2002.. 12 1997.. 11	X X	X X	139 214 76 749
3262993Y	Rubber floor and wall coverings, nsk	2002.. N 1997.. N	X X	X X	27 656 22 940
3262993YVV	Rubber floor and wall coverings, nsk	2002.. N 1997.. N	X X	X X	27 656 22 940
3262994	Shoe products, rubber, elastomer resin	2002.. N 1997.. N	X X	X X	82 116 131 345
32629941	Shoe products, rubber, elastomer resin	2002.. N 1997.. N	X X	X X	82 116 131 345
3262994111	Rubber shoe heels and soles	2002.. 5 1997.. 11	X X	X X	45 595 89 738
3262994121	Rubber shoe soling slabs and top lift sheets	2002.. 3 1997.. 2	X X	X X	D D
3262994131	Rubber shoe unit sole (sole and heel combinations)	2002.. 3 1997.. 5	X X	X X	D D
3262994Y	Shoe products, rubber, elastomer resin, nsk	2002.. N 1997.. N	X X	X X	— —
3262994YVV	Shoe products, rubber, elastomer resin, nsk	2002.. N 1997.. N	X X	X X	— —
326299A	Rubber druggist and medical sundries, excluding household gloves	2002.. N 1997.. N	X X	X X	465 972 N
326299A1	Rubber druggist and medical sundries, excluding household gloves	2002.. N 1997.. N	X X	X X	460 173 N
326299A131	Rubber nipples and pacifiers	2002.. 3 1997.. N	X X	X X	D N
326299A181	Other rubber druggist and medical sundries (including diaphragms, prophylactics, ice bags, caps, water bottles, fountain syringes, and combinations)	2002.. 15 1997.. N	X X	X X	D N
326299AY	Rubber druggist and medical sundries, excluding household gloves, nsk	2002.. N 1997.. N	X X	X X	5 799 N
326299AYVV	Rubber druggist and medical sundries, excluding household gloves, nsk	2002.. N 1997.. N	X X	X X	5 799 N
3262996	Rubber compounds or mixtures for sale or interplant transfer	2002.. N 1997.. N	X X	X X	1 700 318 1 549 610
32629961	Rubber compounds or mixtures for sale or interplant transfer	2002.. N 1997.. N	X X	X X	1 700 318 1 549 610
3262996100	Rubber compounds or mixtures for sale or interplant transfer	2002.. 62 1997.. 58	X X	X X	1 700 318 1 549 610

See footnotes at end of table.

Table 6a. Products Statistics: 2002 and 1997—Con.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326299	All other rubber product manufacturing—Con.				
3262997	All other industrial rubber products	2002.. N	X	X	1 309 410
		1997.. N	X	X	1 753 580
32629971	All other industrial rubber products	2002.. N	X	X	1 241 019
		1997.. N	X	X	1 676 726
3262997111	Pressure-sensitive tape, rubber-backed (including friction)	2002.. 15	X	X	150 843
		1997.. 18	X	X	77 813
3262997115	Graphics arts, roll coverings, rubber and plastics (printing trade)	2002.. 35	X	X	97 342
		1997.. 47	X	X	202 248
3262997125	Paper mill roll coverings, rubber	2002.. 11	X	X	27 775
		1997.. 12	X	X	144 317
3262997131	Industrial, roll coverings, rubber (excluding steel mills and plastics)	2002.. 40	X	X	149 566
		1997.. 48	X	X	167 969
3262997135	Other roll coverings, rubber (including steel mills and plastics)	2002.. 33	X	X	92 021
		1997.. 38	X	X	84 365
3262997137	Single-ply rubber membrane roofing	2002.. 5	X	X	332 227
		1997.. 8	X	X	350 766
3262997141	Film and sheet rubber, vulcanized	2002.. 21	X	X	70 718
		1997.. 33	X	X	300 985
3262997145	Vulcanizable elastomeric linings	2002.. 26	X	X	55 401
		1997.. 17	X	X	50 873
3262997151	Printers' rubber blankets	2002.. 8	X	X	62 790
		1997.. 15	X	X	183 263
3262997155	Other miscellaneous industrial rubber products (including jar rings and fuel cells)	2002.. 25	X	X	202 336
		1997.. 23	X	X	114 127
3262997Y	All other industrial rubber products, nsk	2002.. N	X	X	68 391
		1997.. N	X	X	76 854
3262997YWV	All other industrial rubber products, nsk	2002.. N	X	X	68 391
		1997.. N	X	X	76 854
326299B	All other miscellaneous rubber goods	2002.. N	X	X	693 836
		1997.. N	X	X	N
326299B1	All other miscellaneous rubber goods	2002.. N	X	X	693 836
		1997.. N	X	X	N
326299B111	Hard rubber battery jars, boxes, and parts	2002.. 3	X	X	D
		1997.. N	X	X	N
326299B115	Other hard rubber mechanical goods	2002.. 15	X	X	28 624
		1997.. N	X	X	N
326299B121	Reclaimed rubber (any vulcanizable material excluding reclaimed residue or mud derived from processing or treatment of natural or synthetic (chemical) vulcanized scrap rubber)	2002.. 9	X	X	77 200
		1997.. N	X	X	N
326299B125	Rubber thread, bare	2002.. 2	X	X	D
		1997.. N	X	X	N
326299B131	Rubber boats, pontoons, and life rafts	2002.. 11	X	X	37 082
		1997.. N	X	X	N
326299B135	Rubber balloons (toy, advertizing, meteorological, etc)	2002.. 12	X	X	131 006
		1997.. N	X	X	N
326299B141	Rubber stationers' sundries (including bands, finger cots, and erasers, but excluding pencil plugs)	2002.. 3	X	X	D
		1997.. N	X	X	N
326299B151	Rubber tank blocks, treads, and band tracks	2002.. 4	X	X	D
		1997.. N	X	X	N
326299B159	Other rubber goods, excluding rubber life preservers	2002.. 41	X	X	306 422
		1997.. N	X	X	N
326299BY	All other miscellaneous rubber goods, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
326299BYWV	All other miscellaneous rubber goods, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
326299W	All other rubber product manufacturing, nsk, total	2002.. N	X	X	628 971
		1997.. N	X	X	468 323
326299WY	All other rubber product manufacturing, nsk, total	2002.. N	X	X	628 971
		1997.. N	X	X	468 323
326299WYWW	All other rubber product manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	444 460
		1997.. N	X	X	278 213
326299WYWY	All other rubber product manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	184 511
		1997.. N	X	X	190 110

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3262991	Rubber sponge, expanded and foam rubber products	
	United States..... 2002..	874 211
	..... 1997..	1 183 712
	California..... 2002..	19 394
	..... 1997..	46 198
	Georgia..... 2002..	62 569
	..... 1997..	71 403
	Illinois..... 2002..	52 995
	..... 1997..	63 338
	Indiana..... 2002..	134 935
	..... 1997..	185 897
	Michigan..... 2002..	39 004
	..... 1997..	38 297
	Missouri..... 2002..	30 735
	..... 1997..	56 023
	North Carolina..... 2002..	104 658
	..... 1997..	89 692
	Ohio..... 2002..	134 324
	..... 1997..	90 143
	Pennsylvania..... 2002..	30 172
	..... 1997..	48 237
	Tennessee..... 2002..	17 890
	..... 1997..	N
	Texas..... 2002..	22 698
	..... 1997..	26 244
3262993	Rubber floor and wall coverings	
	United States..... 2002..	706 481
	..... 1997..	717 181
	California..... 2002..	62 941
	..... 1997..	108 859
	Georgia..... 2002..	82 702
	..... 1997..	67 103
	Indiana..... 2002..	7 654
	..... 1997..	N
	North Carolina..... 2002..	5 910
	..... 1997..	N
	Ohio..... 2002..	285 771
	..... 1997..	318 848
	Pennsylvania..... 2002..	18 663
	..... 1997..	N
	Tennessee..... 2002..	43 394
	..... 1997..	N
3262994	Shoe products, rubber, elastomer resin	
	United States..... 2002..	82 116
	..... 1997..	131 345
3262996	Rubber compounds or mixtures for sale or interplant transfer	
	United States..... 2002..	1 700 318
	..... 1997..	1 549 610
	Alabama..... 2002..	106 131
	..... 1997..	N
	California..... 2002..	37 675
	..... 1997..	83 119
	Georgia..... 2002..	191 581
	..... 1997..	182 450
	Massachusetts..... 2002..	36 541
	..... 1997..	47 500
	North Carolina..... 2002..	58 486
	..... 1997..	21 508
	Ohio..... 2002..	245 059
	..... 1997..	268 213
	Tennessee..... 2002..	248 292
	..... 1997..	260 890
3262997	All other industrial rubber products	
	United States..... 2002..	1 309 410
	..... 1997..	1 753 580
	California..... 2002..	53 530
	..... 1997..	81 114
	Connecticut..... 2002..	4 992
	..... 1997..	N
	Florida..... 2002..	12 401
	..... 1997..	33 943
	Georgia..... 2002..	54 628
	..... 1997..	87 457
	Illinois..... 2002..	99 628
	..... 1997..	125 798
	Indiana..... 2002..	10 771
	..... 1997..	18 149
	Massachusetts..... 2002..	24 847
	..... 1997..	95 139
	Michigan..... 2002..	13 306
	..... 1997..	49 866
	Minnesota..... 2002..	34 557
	..... 1997..	46 413
	Missouri..... 2002..	9 623
	..... 1997..	10 579
	New Jersey..... 2002..	36 750
	..... 1997..	33 213
	New York..... 2002..	16 835
	..... 1997..	14 417
	North Carolina..... 2002..	115 408
	..... 1997..	119 642
	Ohio..... 2002..	67 413
	..... 1997..	76 212
	Pennsylvania..... 2002..	128 932
	..... 1997..	132 938

See footnotes at end of table.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3262997	All other industrial rubber products—Con.	
	United States—Con.	
	Tennessee 2002 ..	29 894
	..... 1997 ..	69 196
	Texas 2002 ..	41 255
	..... 1997 ..	41 782
	Wisconsin 2002 ..	64 938
	..... 1997 ..	100 447
326299A	Rubber druggist and medical sundries, excluding household gloves	
	United States 2002 ..	465 972
	..... 1997 ..	N
	New Jersey 2002 ..	150 814
	..... 1997 ..	N
326299B	All other miscellaneous rubber goods	
	United States 2002 ..	693 836
	..... 1997 ..	N
	California 2002 ..	74 724
	..... 1997 ..	N
	Florida 2002 ..	31 326
	..... 1997 ..	N
	Illinois 2002 ..	72 970
	..... 1997 ..	N
	Massachusetts 2002 ..	12 877
	..... 1997 ..	N
	Michigan 2002 ..	8 258
	..... 1997 ..	N
	Minnesota 2002 ..	3 659
	..... 1997 ..	N
	Ohio 2002 ..	149 990
	..... 1997 ..	N
	Pennsylvania 2002 ..	12 982
	..... 1997 ..	N
	Texas 2002 ..	50 005
	..... 1997 ..	N
	Wisconsin 2002 ..	7 377
	..... 1997 ..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
326299	All other rubber product manufacturing		
00900001	Total materials .....2002..	X	2 879 817
	.....1997..	X	3 557 580
11321005	Natural latex rubber (dry solids content) .....2002..	X	132 330
	.....1997..	X	156 449
11321003	Natural dry rubber .....2002..	X	127 327
	.....1997..	X	170 218
32521115	Plastics resins (excluding vinyl) consumed in the form of granules, pellets, powders, liquids, etc.....2002..	X	52 818
	.....1997..	X	58 487
32521139	Vinyl and vinyl copolymer resins (all forms) .....2002..	X	39 576
	.....1997..	X	21 552
32521111	Polyurethane elastomers and plastics (excluding thermoplastics) .....2002..	X	60 522
	.....1997..	X	111 264
32521207	Thermoplastics elastomers, polyurethane.....2002..	X	D
	.....1997..	X	11 091
32521203	Styrene-butadiene rubber (SBR).....2002..	X	140 553
	.....1997..	X	213 726
32521209	Polychloroprene rubber .....2002..	X	26 429
	.....1997..	X	21 841
32521211	Nitrile rubber, butadiene-acrylonitrile .....2002..	X	45 685
	.....1997..	X	48 850
32521213	Ethylene-propylene rubber .....2002..	X	158 959
	.....1997..	X	137 350
32520007	Other plastics materials (including synthetic resins, synthetic rubber, cellulosic and other manmade fibers), excluding glass .....2002..	X	104 512
	.....1997..	X	172 116
32629900	Reclaimed rubber (excluding mud and crumb and ground scrap) .....2002..	X	6 385
	.....1997..	X	N
32629904	Rubber compounds and mixtures, purchased (dry rubber solids content) .....2002..	X	161 632
	.....1997..	X	N
32600019	All other fabricated rubber products .....2002..	X	67 458
	.....1997..	X	154 137
32510055	Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.) .....2002..	X	200 442
	.....1997..	X	317 888
32510059	Plasticizers .....2002..	X	56 607
	.....1997..	X	52 551
32510085	All other industrial organic chemicals .....2002..	X	22 070
	.....1997..	X	69 182
32518201	Carbon black .....2002..	X	123 400
	.....1997..	X	N
32513106	Inorganic pigments .....2002..	X	28 290
	.....1997..	X	N
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes .....2002..	X	41 531
	.....1997..	X	34 464
33200081	Fabricated metal products (excluding forgings) .....2002..	X	22 147
	.....1997..	X	28 521
33120010	Steel wire .....2002..	X	D
	.....1997..	X	N
31320013	Cotton fabrics .....2002..	X	9 098
	.....1997..	X	29 556
31320015	Manmade fiber fabrics (including glass) .....2002..	X	88 823
	.....1997..	X	136 928
33120003	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, and bare wire) .....2002..	X	13 909
	.....1997..	X	20 899
32220017	Paper and paperboard containers (including shipping sacks and other paper packaging supplies) .....2002..	X	71 896
	.....1997..	X	67 863
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	635 088
	.....1997..	X	766 388
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	427 594
	.....1997..	X	756 259

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

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